

Reteaching 4-6 Rational Numbers

Evaluate $\frac{a+7}{b}$, for $a = 9$ and $b = -2$. Write in simplest form.

$$\frac{a+7}{b} = \frac{9+7}{-2}$$

Substitute.

$$= \frac{16}{-2}$$

Add.

$$= -8$$

Write in simplest form.

Evaluate. Write in simplest form.

1. $\frac{a}{b}$, for $a = -12$ and $b = 6$ _____

2. $\frac{m-n}{-4}$, for $m = -5$ and $n = 3$ _____

3. $\frac{2x-5}{y}$, for $x = 6$ and $y = 21$ _____

4. $\frac{h}{h^2-2}$, for $h = 4$ _____

5. $\frac{n}{2m-8}$, for $m = 2$ and $n = 10$ _____

6. $\frac{x}{3y+4}$, for $x = 4$ and $y = 6$ _____

7. $\frac{-r-s}{s+2}$, for $r = -4$ and $s = 2$ _____

8. $\frac{j^2-k}{k}$, for $j = 4$ and $k = -12$ _____

9. $\frac{10+f^2}{3f}$, for $f = 6$ _____

10. $\frac{z+2}{z^2-4}$, for $z = 6$ _____

11. $\frac{a^2+b^2}{2a+b}$, for $a = 4$ and $b = -3$ _____

12. $\frac{e}{f^2-2f+1}$, for $e = -6$ and $f = 5$ _____

13. $\frac{17-u^2}{v^2-4v}$, for $u = -3$ and $v = 2$ _____

14. $\frac{-50}{2x^2-3x+5}$, for $x = -1$ _____

15. $\frac{y^3-4y+6}{y^3}$, for $y = -2$ _____